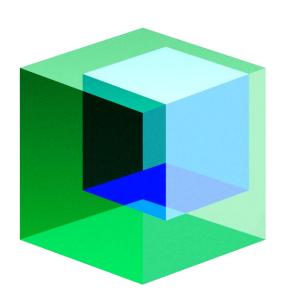
IBM Granite

A family of open, performant and trusted AI models to accelerate enterprise AI adoption





Open

- Open sourced under Apache 2.0
- Transparency of data and training methods
- Customize with your data



Performant

- Diverse range of fit-forpurpose models
- Designed for scalability
- Reasoning capabilities which uniquely maintain general performance
- Vision capabilities optimized for enterprise document understanding



Trusted

- IP indemnification
- Responsible and safe AI
- Guardrails to secure data and mitigate risks
- Reasoning approach which uniquely preserves model safety

Getting started with Granite models

ibm.com/watsonx/developer

huggingface.com/ibm-granite



IBM Granite Language models

- Granite-7B-Base
- Granite-3.1-1B-A400M
- Granite-3.1-3B-A800M
- Granite-3.1-2B
- Granite-3.1-8B
- Granite-3.2-2B
- Granite-3.2-8B



IBM Granite Guardian models

- Granite-Guardian-HAP-125M
- Granite-Guardian-HAP-38M
- Granite-Guardian-3.1-2B
- Granite-Guardian-3.1-8B
- Granite-Guaridan-3.2-8B
- Granite-Guardian-3.2-5B
- Granite-Guardian-3.2-3B-A800M



IBM Granite Accelerator models

- Granite-3B-Code-Instruct-Accelerator
- Granite-8B-Code-Instruct-Accelerator
- Granite-20B-Code-Instruct-Accelerator
- Granite-34B-Code-Instruct-Accelerator
- Granite-7B-Instruct-Accelerator
- Granite-3.0-8B-Instruct-Accelerator



IBM Granite Vision model

- Granite-Vision-3.2-2B



IBM Granite Code models

- Granite-34B-Code
- Granite-20B-Code
- Granite-8B-Code
- Granite-3B-Code



IBM Granite Time Series models

- Granite-TimeSeries-TTM-r1
- Granite-TimeSeries-PatchTSMixer
- Granite-TimeSeries-PatchTST
- Granite-TimeSeries-TTM-r2
- Granite-TimeSeries-TTM-r2.1



IBM Granite Geospatial models

Earth

- Granite-EarthObservation-HLS-Biomass
- Granite-EarthObservation-HLS-CanopyHeight
- Granite-EarthObservation-HLS-Landslide

Weather and climate

- Granite-WeatherClimate-Precip-Downscaling
- Granite-WeatherClimate-WindForecasting

Candidate Granite and/or Open Source AI Projects

- Create Prepared Meals
- Create Recipes for Granite, Time Series, Guardian
- Create a Granite Time Series Workshop similar to the <u>current Granite Workshop</u> |
- Explore Granite integration with <u>Adversarial Robustness Toolbox</u> (Security and Safety)
- Add more functionality to the Model Openness Tool MOT from the Linux Foundation AI and Data

Many more Granite related projects are possible

Learning Resources – Get Started Now

Learning Resources		
Granite Docs Website	Prompt engineering guide, quick links to model cards, playground, recipes, and other resources	ibm.com/granite/docs
Granite Developer Resources	Consolidated list of tutorials and guided projects with Granite	ibm.biz/granite-learning-resources
Granite Community Github	Repository of "cookbooks" for getting started with granite	github.com/ibm-granite-community
Granite Technical Report	Benchmarks, overview of training data, and other technical details	ibm.biz/granite-report

ibm.biz/granite-community



